

Title (en)

METHOD FOR STARTING AN AC MOTOR, STARTER DEVICE AND COMPUTER PROGRAM PRODUCT

Title (de)

ANLASSVERFAHREN EINES HUBMOTORS, ANLASSVORRICHTUNG UND COMPUTERPROGRAMMPRODUKT

Title (fr)

PROCÉDÉ DE DÉMARRAGE D'UN MOTEUR ALTERNATIF, DISPOSITIF DE DÉMARRAGE ET PRODUIT PROGRAMME D'ORDINATEUR

Publication

EP 2937988 B1 20191120 (FR)

Application

EP 15164515 A 20150421

Priority

FR 1453654 A 20140423

Abstract (en)

[origin: CN105006997A] The invention relates to an apparatus and method for starting an AC motor. The invention relates to a method of starting an electric motor (10) powered by an alternating power supply voltage, said method consisting of supplying current to the motor (10) with a delay t_{ret} , during each period of the power supply voltage. The starting method comprises a first sequence in which the following steps are carried out during each n th period of the power supply voltage, where n is an integer number greater than 0: a) determine the value of a variation of a resistance of the electric motor during the previous n periods of the power supply voltage; b) compare said value of the variation of the determined motor resistance with a first threshold resistance value; c) if the value of the variation of the motor resistance is less than the first threshold value, reduce t_{ret} . The invention also relates to a starter device and a computer program.

IPC 8 full level

H02P 1/04 (2006.01); **H02P 1/28** (2006.01)

CPC (source: EP US)

H02P 1/04 (2013.01 - EP US); **H02P 1/28** (2013.01 - US)

Cited by

CN106533268A; EP3288173A1; FR3055491A1; CN107786129A; US10199961B2

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DOCDB simple family (publication)

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